

FOLIO

UNIVERSITY OF ALBERTA
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Elementary Education holds 'alternative rectangular table workshop'

Session parallels provincial process

All students, parents and faculty who spoke at an "alternative rectangular table workshop" last Friday, organized at the University by the Department of Elementary Education, had few good things to say about the provincial government's *Meeting the Challenge: An Education Roundtable Workbook*.

In fact, they unanimously declared that many of the key proposals in the document are not acceptable.

Scona Composite teacher and elected member of the Alberta Teachers' Association, Larry Booi, said teachers all over the province are saying this is a crisis. "I think it's a little bit about education, but mostly it's about power and who decides what goes on in classrooms."

The session, moderated by Professor Emeritus Myer Horowitz, gave people the opportunity to participate in a parallel workshop and express their views. Comments will be forwarded to the premier, minister of education, treasurer, deputy minister, leader of the official opposition, education critic and MLA Don Massey. Dr Horowitz assured the audience.

Many people spoke against what they consider a narrowly defined, exclusive definition of a basic education. Gordon Welsh, superintendent of Strathcona County Schools, said, "I very much resent that in the document [the provincial government's discussion paper] they imply that fine arts are not part of a basic education."

"To suggest that they would withdraw funding for those kinds of programs is



ATA representative Larry Booi

ludicrous. Some of the points made in the document are very much a smokescreen. The government does not pay for and provide money for field trips or sports activities. Those are monies school boards generally find elsewhere, most of them through user-pay concepts."

Welsh said the \$369 million the government is proposing to cut from education spending in the next three years is just not a workable amount. "In analyzing the provincial budget, the premier constantly says the province doesn't have a revenue problem. That is not true. Albertans are the lowest taxed people in this country."

"If we brought our taxation up to the national average, through income taxes and something like a four percent sales tax, we would have no deficit," he said.

Elementary Education professor Bernard Schwartz agreed. "An Alberta sales tax should be put in place immediately, as an equitable means of reducing the deficit. Many local school boards and districts should be collapsed and unified. We see an enormous

amount of waste and duplication. In the United States, there are many unified school districts that share busing, resources and centralized resources for teacher professional development."

Citing (U of A professors) Allan Warrack and Mel McMillan's 1993 study of the province's finances, Booi said the question really is, Is the government going to put in a sales tax now or later? In that

study, titled "Alberta's Fiscal Situation: Identifying the Problem, Looking for Solutions," the two professors argued that if Alberta's expenditures and revenues were at the provincial average, Alberta would have a budget surplus.

A number of speakers worried aloud about the process the provincial government is using. Educational Psychology professor Gerry Kysela said that, as a rule, change doesn't happen this way in Alberta. "There's a fractious divide and conquer kind of attitude we're facing. It seems to me, that in our social system the way to develop and change is not to terrify people and frighten them into thinking about loss."

"Maybe the round tables need to continue to try and dispel the tension and develop more sensible processes of decisionmaking."

Elementary Education professor Roberta McKay said she and a colleague, in their submission to the Minister of Education, did not want to react to the government's document. "We wanted to take a more proactive stance," she said, outlining why a basic education should be defined in broader terms.

Booi said there is a lot of evidence around the province to suggest that people are not in favour of massive cuts to education. "The task

for those concerned about public education is to put some pressure on MLAs to look at the province's funding side."

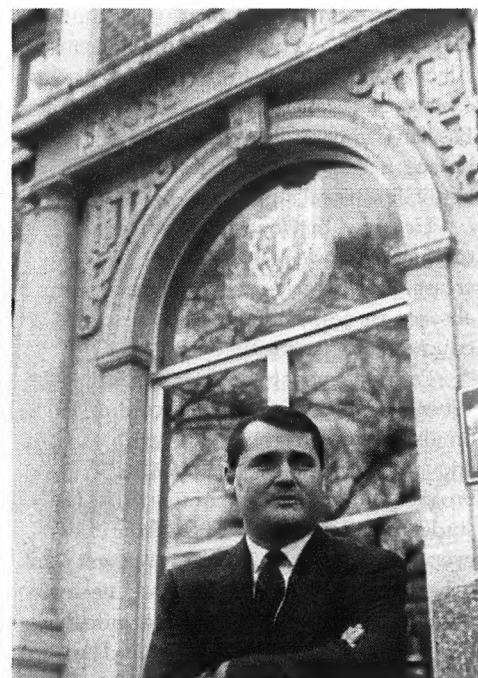
The government promised not to raise taxes and balance the budget, said Booi. But not a lot of people thought about the possibility of the government doing that with massive cuts.

Edmonton Public School Board trustee Terry Sulyma said that if massive cuts are made by the provincial government, local school boards will have to deal with the issues. For example, people have clearly said they want to maintain kindergarten. "What that means is that we're going to have to raise local taxes. This perpetuates a trend in Alberta for about 15 years, an off-loading of education funding from general revenues onto the local tax base."

Elementary Education Chair Robert Jackson said the forum came about as a result of a lecture given to graduate students by Dr Horowitz. That presentation revolved around some of the critical issues facing public education in the province. Dr Jackson said that since public education should be open to the public, the department wanted to open up some other public forums where people could express their views.

St. Joseph's new president stresses importance of liberal education

By Michael Robb



Father George Smith wants St. Joseph's College to be an integral player on campus in providing liberal arts education.

There was no use denying it. George Smith was being called on to serve God. And that doesn't mean, he hastens to add, that one day he was in the shower and heard a voice saying, "George, you are to be a priest."

"When you spend an inordinate amount of time, as I did in college, asking [philosophical and theological] questions and seeking answers to those questions, that was an indication to me that God was calling me to involve myself in a particular area of work," says Father Smith, who is St. Joseph's College's new president.

"I felt I was being called to serve God in a particular way, and that was through the ordained priesthood," he explains. "From the very beginning, I didn't have any doubts about what type of priest I wanted to be. I wanted to be a priest who lived and worked in a Catholic university or college, and that's what the Basilians do par excellence."

When he was 11, he left his home in Toronto and spent the next six years in a Catholic Jesuit boarding school in Ireland. The decision was his. His father was involved in business there and the family maintained a house there and in Toronto. "The whole family was back and forth constantly."

Continued on page 2

Minister calls meeting on 'compensation reduction strategy'

Advanced Education and Career Development Minister Jack Ady has called a meeting of the province's 27 higher education institutions for Tuesday, 9 November, to discuss compensation reduction strategy.

"The Minister does not want to and in fact can't negotiate anything between the bargaining units and the institutions," says Bob Dawson, the Minister's executive assistant. "What he wants to do is to provide stability to the sector by providing information to all at the same time."

Dawson says the Minister wants to discuss how the sector might meet the compensation reduction challenge set out by the Premier on 4 October.

Last month, Premier Klein called on his caucus to voluntarily agree to a five percent cut in salary and allowances.

Along with a number of other initiatives, health sector workers are being asked to voluntarily implement a five percent cut in fees, salaries and benefits.

Board of Governors chairs, institution presidents, and representatives of academic and nonacademic bargaining units from all of Alberta's postsecondary institutions have been invited to next Tuesday's 3 o'clock general meeting at Grant MacEwan Community College's City Centre Campus.

Planning to attend the session from the University of Alberta are Stan Milner, Chair of the Board; Glenn Harris, Vice-President (Finance), representing President Paul Davenport; a six-member delegation from the Non-Academic Staff Association led by NASA President Anita Moore, and a three-member academic delegation led by AAS/UA President Rod Wilson.

Top students making U of A better place for others Leadership Award winners honoured at reception

First-year Arts student Nicole Marx was president of WE Pratt High School, in her hometown of High Prairie. She was a senior member of the peer support team, a senior debater and assistant to the debate club coach. She was also a senior member of the yearbook committee, a member of the honours club and leader of the flute section in the high school band. She was the student representative on the community advisory committee, and she found time—somehow—to serve as director of youth for the Lesser Slave Lake constituency of the Liberal Party.

In short, Marx made a difference, and she continues to do so as a University of Alberta student.

Recently, the U of A awarded her a Millar Western Entrance Scholarship. Along with a number of outstanding students, Marx was honoured at the 1993-94 University of Alberta Leadership Award ceremony.

The ceremony recognizes formally the exceptional academic records, leadership qualities and community involvement demonstrated by the recipients. This academic year, more than 60 awards valued at between \$1,000 and \$5,000 were awarded under the University's Entrance Leadership Program.

"We were quite proud," says Nicole's father William, to whom the gala event and the recognition his daughter received meant a great deal.

Chancellor Sandy Mactaggart commended those parents whose sacrifices have made the success of their children possible.

This year's recipients come from across the province: Red Deer, Fox Creek, Paradise Valley, Whitecourt, Morinville, Lethbridge, Sangudo, Ponoka, Calgary, Medicine Hat, and a number of other places.

The University Leadership Awards Program was established in 1987 by President Myer Horowitz with the creation of the Max Wyman Scholarships Program. The Wyman Scholarships honour the late Max Wyman, the University's seventh president, and are in-

tended to be the most prestigious awards available for entering undergraduate students. The first five recipients were chosen in 1988.

High school administrators, counsellors and students responded favourably to the program. Several new donors were invited to create scholarships that would be part of the leadership competition. By 1991, more than 40 awards were being offered. And that year, President Paul Davenport formally approved the creation of a permanent endowment of the Max Wyman Scholarships, thus assuring their existence in perpetuity.

The 1993-94 Leadership Award recipients are: Jennifer Abel, Sumreen Ahmad, Hari Amarnath, Kimberley Banks, Curt Bererton, Kirsten Bergstrom, Jan Berry, Barbara Bossmann, David Burgess, Shelley Bykewich, Maria Charrouf, Austin Chen, Adrienne Chiam, Lily Cho, Andrew Chung, Steven Cindric, Sarah Ciurysek, Kimberley Claffey, Dale Dee Cunningham, Amber Dean, Andrea Deaville, Jonathan Doody, Michelle Elliott, Mark Ewanchuk, Travis Ferguson, Robert Flynn, Jill Frizzley, Lee Gwinn, Darren Hall, Carrie Harbin, Pamela Harrison, Gina Jahns, Rebecca Kelsall, Joline Kile, Jennifer Klinke, Kathryn Koliaska, Jason Kur, Michael Lee, Clayton Leonard, Nicole Letawsky, Trevor Lewington, Donovan Lowtan, Marcie Mandziuk, Hadley Markus, Nicole Marx, Leanne McKevitt, Jennifer Millman, Todd Nahimik, Gracemy Nguyen, Jennifer Nickel, Darrell Paquette, Chad Park, Christopher Penning, Leisha Roberts, Joanne Satkunas, Michael Storeshaw, Christine Tan, Kimberly Tulloch, Carmen Whyte, Jeremy Woodfin and Michael Yan.

St. Joseph's president

Continued from page 1

After he graduated, he went to McGill University to do a four-year BA in philosophy, from '79 to '83. "I was trying to get away from the Basilians. Everyone expected me to return to Toronto to go to St. Michael's College. I figured if I did that I'd only end up becoming a Basilian priest. I didn't want to do that at the time. I really fought it. But the idea wouldn't go away after four years."

Now Father Smith takes up presidential responsibilities of St. Joseph's College, the centre of Catholic life and worship on the University of Alberta campus. Fresh from his experiences as an executive assistant to the president of another Basilian Catholic college in Rochester, New York, he faces formidable challenges and the prospects of fulfilling his calling.

He knows that fewer men are heeding the call, and acknowledges that laypeople are increasingly being asked to fulfil church roles in the absence of priests and nuns. Who's going to educate the laypeople? he asks.

Perhaps a more fundamental question is, Where does St. Joe's fit into this scenario? Father Smith wonders whether the College has a high enough public profile, on campus and in the broader community. Do the more than 1,000 students who cross the College's front doors every year know what it does? "We don't want to be thought of as a Catholic island," he says.

So one of his primary goals is to raise the profile of the College measurably. And he wants the Catholic men and women of western Canada to be aware of what the College is doing and what it's involved in. At the same time, the College has to be clear about its own mission.

Computer virus discovered CNS fights back with KILLMONK 3.0

Computing and Network Services (CNS) has developed a specially designed software program to detect and remove a computer virus that was recently found on campus.

KILLMONK 3.0 is now available through CNS. According to Grant Crawford, Workstations and Distributed Computing Manager, the virus is relatively benign although he adds that "we recommend that all computer users check their DOS computers and diskettes to help stop the virus from spreading." He goes on to say that anyone who finds an infected disk should notify those people who they may have sent disks to in the past two months.

The virus, known as the "Int_10" virus, infects IBM (and compatible) personal computer hard disks when a computer is started up with an infected diskette left in drive A:. An infected computer will then infect other diskettes when they are

accessed by the computer. The main effect of the virus will not be seen until the computer date reaches December. Any time in December, after the computer has been on for more than six hours and it's after 6 pm, the computer will "lock up" and the screen will be covered with simulated "snow". All data in the memory will then be lost.

The KILLMONK 3.0 virus detection program can be obtained through file transfer protocol (ftp) from ftp.srv.ualberta.ca in the directory /pub/dos/virus. To get the file KILLMNK3.ZIP; bring a formatted disk to the Micro Demonstration Centre located on the lower floor of the Bookstore, or pay \$1 for a formatted diskette at the CNS Help Desk, 302 General Services Building.

Questions may be directed to Marilyn Francis, CNS anti-virus coordinator, at 492-9348.

President recognizes special contributors

Eva McGregor, Francis and Harriet Winspear, Graham Lock of Canadian Utilities, and Drs Lorne Tyrrell and Ray Lemieux are all generous donors to the University of Alberta.

They were publicly recognized by President Paul Davenport as examples of the "special people who give unselfishly to our programs," at the University of Alberta.

The generosity of the six was highlighted at the President's Dinner late last month.

The dinner began nine years ago to recognize those who in the previous year had provided the University with a gift of \$1,000 or more.

The capacity crowd at the Faculty Club applauded several times as President Davenport spoke warmly about the University, its accomplishments and in particular the accomplishments of the students, faculty and donors.

"We simply cannot offer the learning experiences our students need to compete globally without the critical financial assistance which

you—and our many other donors—provide," he said.

More than 270 of the University's most generous donors gave the President a standing ovation as he finished his last speech to the President's Council.

Earlier in the evening, Premier Ralph Klein complimented President Davenport for his "commitment to excellence in postsecondary education" and for the "outstanding job positioning the University of Alberta for the next century."

The Premier also recognized the importance of donors and the role the University has played in Alberta's success.

He said, "For generations, the U of A has been serving Albertans and helping us build what we proudly call the Alberta advantage. We owe much of our strengths in areas like agriculture, energy, medical research and high technology to work that was done here ... and continues to be done here."

Father Smith will be striking a committee to develop a clear mission statement for the college. It's a process that will be collegial and faculty-driven, he says.

The Basilian Fathers are associated with eight colleges and universities in Canada and the United States, including St. Joseph's College. During his time at Rochester, Father Smith also served as director of university mission education. In that capacity, he travelled to those other colleges to speak to people about how their institutions articulated their mission, how they've lived out their mission and how they might do so more effectively in the future.

The fact is there aren't as many priests as there used to be, he says. "In the days when there used to be priests very obviously present in great numbers, there was no question what it meant to be a Catholic college. Everybody knew. Now there aren't so many priests and nuns, and the question remains, How do we see ourselves in the Catholic colleges?"

Some of these colleges, Father Smith found, have very clear missions, but others are foundering. What he found here in December '92 was a college on the verge of realizing it had to develop a clear statement of mission. "Sometimes mission statements are written by people in development offices in order to attract donors. They sound awfully nice, but they're not as fully representative as they should be.

"The most important and fundamental area of work we do at St. Joe's is the academic work, teaching courses in Christian theology and philosophy," he says. "That's our fundamental purpose."

The College has 18 full- and part-time faculty, a 1993-94 budget of approximately \$1.5

million, and between 1,150 and 1,170 registrants in its courses during the year.

Father Smith is optimistic about the future of Catholic higher education. He believes it will remain a vibrant force in the university system for three reasons.

First, students in great numbers are beginning to rediscover the Western intellectual tradition—in great part the Christian intellectual tradition. And philosophy and theology have always played an integral role in a truly liberal education. Employers want employees with a strong liberal education. Second, studying philosophy and Christian theology enables students to develop the intellectual skills to ask those profound questions typically asked at universities. Third, St. Joe's offers courses such as theological and ethical concerns in business. These are very practical courses for business students who may realize that their more traditional courses won't expose them to the critical issues they'll eventually face in the marketplace, he says, pointing out that there are education courses of a similar nature.

It's ironic that the more secular the Western world becomes, the more vital the need is for Catholic higher education, Father Smith asserts. Its role is to bring the gospel to the culture we live in. "We are on the border between the church and the modern world. It's not a fight. It's a reasoned, intellectual conversation."

Father Smith's doctoral thesis in education is being read by his committee at the University of Toronto. He expects to defend in January. Father Smith's predecessor, Father Robert Barringer, is now the Basilian Fathers' superior general, based in Toronto.

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Bears roar into Canada West playoffs

By Dan Carle

For the first time since 5 November 1987 – a 28-6 playoff loss to UBC at Vancouver – the Golden Bears football team has reached the postseason in Canada West.

The Bears iced their first berth in the playoffs in six years with a 32-8 victory over UBC at Clarke Stadium last Sunday.

It was 18-0 after the first quarter on a Jay Hamilton 66-yard draw play for the major score. Hamilton, a second-year tailback from ME LaZerte High School, carried the ball 12 times for 111 yards on the day. Starting quarterback Robert Taylor scampered 19 yards for a touchdown after cornerback Mike Hogan returned an interception 41 yards deep into UBC territory.

Add a 32-yard John Cutler field goal and a kick-off single and the Bears were well on their way as their coastal opponents battled two foes: the fired-up Bears and the frigid wind and rain which pelted both teams and the 1,025 patrons, but seemed to affect the shivering Thunderbirds most of all.

UBC's scoring was restricted to a touchdown in the second quarter and a safety touch in the fourth.

The Golden Bears stalled in the second, but got another field goal and another single from Cutler in the third quarter to widen their lead to 22-6.

Alberta scored another major in the fourth: offensive tackle Ryley Speers was thrown an eight-yard pass for his second touchdown in four university football seasons. Cutler kicked his third field goal late in the quarter and the score, 32-8, was a final.

At game's end, the Golden Bears poured onto the field to celebrate their berth in the playoffs.

Fifth-year slotback Marc Tobert caught four passes for 68 yards on the day, which ties him for the Golden Bears all-time career reception record at 136. Brian Fryer (1972-1975) caught 136 passes in four interuniversity seasons at Alberta.

Cutler became the single-season field goal leader with his 17th of the year coming late in the game.

The Bears play the Canada West final at Calgary's McMahon Stadium tonight at 7:15.

Occupational Therapy's NRRP assists Unifarm

Understanding that rural Alberta families have unique problems brought on by the environment and the economy, the National Rural Resource Project (NRRP) in the Department of Occupational Therapy has teamed up with Unifarm to establish the province's first 1-800 telephone HOPE Line for rural Albertans.

The HOPE Line, officially opened for an initial two-month trial period on 1 November, is an information resource link for rural families who are looking for information on where to turn for help. The line is an information resource only and is not meant to be a counselling service although calls are confidential and anonymity is respected if requested.

When a call is received the appropriate resource(s) is identified within a maximum of 48 hours and the caller notified. Immediate attention is given an emergency or urgent request.

Reg Urbanowski, Fieldwork Coordinator, Department of Occupational Therapy and the NRRP project director, said the HOPE Line project has been two years in the plan-

ning. "It's an exciting program, and the number of groups dedicated to and involved with the establishment is an indication of need for such an information resource link for rural Albertans." In addition to the University, the project involved Unifarm, the Women of Unifarm, the Physically Challenged Farmers of Alberta and Alberta Agriculture.

The NRRP is involved in a variety of projects relating to rural Alberta families. Its objective is to inform and educate rural Canadians on issues related to lifestyles and disability. The project has worked with 18 community organizations and five Faculties or departments on campus. Mostly volunteer run, more than 125 people have volunteered their time for NRRP programs.

The University will provide the facilities for the HOPE Line as well as clerical support, volunteer recruitment and financial management services, including fundraising expertise.

The HOPE Line number is 1-800-361-8572.

Lemieux recognized yet again

ASTech bestows special award on chemist

Ray Lemieux, Professor Emeritus of Chemistry, has received yet another award.

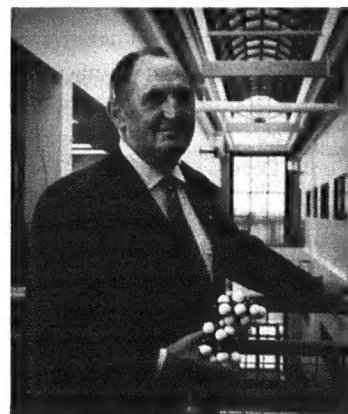
Professor Lemieux was awarded an ASTech Foundation Special Award at the annual Alberta Science and Technology Leadership Awards 1993, held recently in Calgary.

The award was presented to Dr Lemieux in recognition of his internationally acclaimed achievements in science, support for science and technology and innovation in Alberta, and for being a role model to the youth of this province, explained ASTech board member Michael Beamish.

"This man is a hero to the many colleagues and students who have benefited from his humble, stimulating search for excellence," said Beamish.

Dr Lemieux is one of the world's foremost carbohydrate chemists, and over the last 30 years has been very influential in moving carbohydrate chemistry from a highly specialized branch of organic chemistry to the mainstream of science.

"The interest in the role of complex carbohydrates in many areas of human medicine



Chemistry Professor Ray Lemieux

has resulted in over \$1 billion worth of investment in the application of Professor Lemieux's discoveries to potential treatments for cancer, immuno and inflammatory diseases," Beamish said.

President Paul Davenport refers to Dr Lemieux as "one of our country's most eminent scientists," and points out that his pioneering work on complex carbohydrates and their role in human medicine has brought him worldwide recognition.

"Within Alberta he has been a leader in transferring the discoveries of the lab bench to commercial companies, creating high technology jobs in the private sector in our city and province.

"He is also a wonderful citizen of this University, with a commitment to excellence and service which can serve as a model for all in our academic community."

Dr Lemieux is a Fellow of the Royal Society of Canada, an Officer of the Order of Canada and a member of the Alberta Order of Excellence. He has been awarded the Gairdner Foundation International Award and a Manning Award of Distinction.

Tibetan monks constructing sand mandala

Exhibition at FAB Gallery promises to be like no other

Ganden Jangtse monks from Tibet are creating a Guhyasamaja sand mandala at the Fine Arts Building Gallery this week.

Constructed from coloured grains of sand one grain at a time with special cone-shaped funnels, the sand mandala is a geometrically ordered form wedding aesthetic and spiritual dimensions.

Viewing the mandala is considered a healing experience; additionally, it may be used as a tool in the practice of meditation.

The Ganden Jangtse monks represent a Buddhist tradition that was founded in the 15th century. Construction of the sand mandala is part of their consciousness raising

and fundraising tour of North America. Since the 1959 Chinese invasion of Tibet, surviving monks have lived in exile in Southern India.

The monks will also be performing sacred music and dance at various times and locations. One such performance is scheduled for Convocation Hall tomorrow evening at 8.

Tickets are available from Ticketmaster. On Sunday, the monks will dismantle the sand mandala. A time for that event is yet to be announced.

The Edmonton portion of the Ganden Jangtse monks' 1993-94 North American tour is being sponsored by the International Buddhist Friends Association.

Huge response to free dental clinic

University, dental groups, and volunteers serve the public

By Bill Dewan

From far and wide, on a recent beautiful Indian Summer Saturday (16 October), they turned out in the hundreds—to get their teeth fixed.

This was "Operation Open Wide", a free public service dental clinic at the Faculty of Dentistry. More than 400 clinical volunteers provided examinations, oral cancer screening, cleanings, extractions, emergency and routine treatment to more than 500 patients who began lining up at the Dentistry Pharmacy Centre before 7 am for admission at 9 o'clock.

Practising dentists, dental hygienists, and dental assistants from the Edmonton area teamed up with teachers and students in the Faculty to help these needy people. Dental supply firms donated time, money, materials and equipment. Dentistry/Pharmacy Building staff maintained and monitored essential services. NAIT staff, Campus Security Services and other University departments were there, as were personnel from the Edmonton Board of Health.

One woman, a recent arrival in Canada, came with her nine children, none of whom



About 500 people took advantage of "Operation Open Wide", a free public service dental clinic.

had ever had dental treatment before. She stood the long wait while all nine were taken care of and her heartfelt thank yous were but a few of the many expressions of gratitude received. Every attempt was made throughout the day to provide essential treatment, general services, and oral home care information to many who were unemployed and

obviously in need of relief from pain and infection.

"Operation Open Wide" was the brainchild of Dr Lynn Stone of the Alberta Dental Association, cosponsor of the event with the Faculty of Dentistry. The Alberta Dental Hygienists' Association and the Alberta Dental Assistants' Association lent their support as well.

Dean Norman Wood said it was fitting that the Faculty and the University could give something back to the community which has supported the institution so generously over the years. The spontaneous outpouring of voluntary support clearly indicated that the dental family in Alberta is alive and well, he said.

Drs Don Collinson and John Woronuk, who coordinated the Faculty's effort, hope other "Open Wide" clinics will be planned.

Support staff out in force

Building Services workers in the Dentistry Pharmacy Centre were among the 400 some staff and student volunteers who unselfishly gave up part of their Saturday (16 October) to help the Faculty of Dentistry and the Alberta Dental Association successfully run the city's first free dental clinic.

In a letter to the volunteers, Don Collinson, Associate Dean, Clinical Affairs, and John Woronuk, Director of Clinics and Patient Care, acknowledged the tremendous support provided by the Building Services workers "for volunteering to manage building services as well as monitoring building security ... we all made a great team!"

Those who donated their time for the cause were: Vicki Acimovic, Rosa Bruni, Anita Deakin, Walid Haymour, Lillian Klebek, Kristina Kozicka, Gordana Maric, Elana Mercuri, Francis Montalto, Yolanda Roppo, Elizabeth Szczepanski, Chen Tran, Jiri Valtr, Paul Vizkelety, and Building Superintendent Bob Carligen.

A boon to students

International Centre publishes Directory of Resources for a Global Education

If students are more aware of global education resources offered at the University of Alberta, that will eventually lead to more demand for those resources, says International Centre Development Education Coordinator Melody Wharton.

"Making these resources known is one way of creating a demand," she says, and that's the major reason the Centre has produced the *Directory of Resources for a Global Education at the University of Alberta*.

The directory, two years in the making, will be distributed to Faculties, Cameron Library, Rutherford Library, the Registrar's Office and the Centre's International Options resource area.

Wharton has pulled together a massive amount of information on the global education resources available on campus. The courses offered and education abroad opportunities were the first two sections included. Within the next few months three more sections will be added: faculty expertise, international student groups, and International Centre programs. Those resources had to meet two basic criteria to be included: there has to be a focus on the south and/or a discussion of global issues.

In preparing the directory, Wharton found that the University of Alberta offers a rich array of programs and courses dealing with global education. "I was really surprised by the number of courses out there," she says, noting that it's not always easy for students to find them because the global education components aren't always emphasized. She estimates about 80 percent of the global education resources are included in the directory, and over the next few months, she'll be collecting and including the remaining 20 percent.

Wharton feels that the directory will help the University take stock of its current resources and assess its capacity to provide students, faculty and staff with a global education. In an increasingly global and interdependent environment, the University will have to take global education more seriously, she says.

Wharton also says the U of A is a university in search of an international mission. As it defines its mission, global education will be a critical component. She's hopeful that the directory will be a catalyst for discussion about what should constitute a good global education on campus. In the longer term, the objective is to improve the quantity and quality of global education at the University.

PCBs, DDT and toxaphene in Lake Laberge; grad student wants to know why

Karen Kidd awarded doctoral fellowship to study problem

By Michael Robb

Mere mention of the Yukon brings Robert Service's prose to mind. His vivid images of a pristine land have captivated readers for almost a century. For many Canadians, the Yukon represents an immense, isolated and unspoiled tract of land. However, University of Alberta graduate student Karen Kidd knows the Yukon has its environmental problems, just like most other regions on this continent.

Kidd has been awarded a prestigious eco-research doctoral fellowship, funded for two years under the federal government's Green Plan. She wants to know why concentrations of PCBs, DDT and toxaphene are four to 10 times greater in lake trout muscle and burbot liver from Lake Laberge than in the same species from other lakes in the Yukon and Northwest Territories.

"The first time I was told about Lake Laberge, my reaction was similar to many others': 'How on earth did a lake like that become so contaminated?'" says Kidd, whose PhD work is being supervised by well-known ecologist and U of A professor David Schindler.

"The problem appealed to my scientific curiosity and to the preservationist in me," she explains. "I am curious about where the contaminants came from and why they are so high in fish from Laberge. I'm interested in how these contaminants are transferred through arctic food webs and how this may differ from the warmer, more productive lakes in southern Canada. I want to determine why the concentrations of PCBs, DDT and toxaphene are elevated in fish from the lake."

The contaminants have jeopardized local fisheries. In 1991, for example, the Health Protection Branch of Health and Welfare Canada issued the first health advisory for the Yukon. It was recommended that people limit consumption of lake trout to two meals per month and refrain from eating burbot liver—considered a delicacy by aboriginal people.

A number of scientists have proposed theories about the possible sources of the contaminants in the lake, but those sources have not been identified. The lake receives a certain amount of the contaminants from long-range atmospheric

sources, but the levels in the fish are simply too high to be caused solely by atmospheric sources.

Kidd says it's possible there are local sources. PCBs, DDT and toxaphene were once used in the Yukon. Toxaphene was used to kill undesirable fish, DDT was used to kill mosquitoes and PCBs were used as insulating compounds in machinery and transformers.

Kidd isn't alone on the lake. Lyle Lockhart, of the Freshwater Institute in Winnipeg, is drilling sediment cores to determine the effect humans have had on the lake. The Department of Indian Affairs and Northern Development has set up rain and snow sampling stations around the lake to determine atmospheric deposition of contaminants. And Dennis Gregor, at the Canada Centre for Inland Water, is analyzing water from Lake Laberge and several other sites on the Yukon River system to determine if any local sources of contaminants exist. Kidd has also spent a summer doing field work on site.

Kidd has been analyzing fishes, aquatic insects, algae, plants and sediments from Laberge, Kusawa and Fox lakes at the Freshwater Institute. "The results of these analyses and those from further sampling during the next two years will enable me to determine if structural differences in the food webs of Lake Laberge, Fox and Kusawa are responsible for the different levels of contaminants in the fish from each lake," she explains.

"If this is true, it would lend strength to the argument that atmospheric deposition is the source of the contamination rather than local sources. This study will help us understand the processes of contaminant transfer in arctic freshwater lakes."

Kidd is hopeful the extensive research will lead to a better understanding of the problems and to the development of effective remediation efforts.

Much of her work is based on studies of contaminants in the Great Lakes. Research there suggests concentrations of PCBs and DDT increase significantly from the prey to its predator, a process known as biomagnification.

Kidd is one of four U of A students to receive eco-research doctoral fellowships since the program's inception.

Guilty or not guilty?

Legal Resource Centre spearheads mock trials workshop

Not many people will ever know what it's like to play the roles of judge, lawyer, witness and juror. In fact, most people will likely never set foot in a court of law during their entire lives.

But thanks to an innovative Legal Resource Centre workshop called Learn to Conduct Civil Mock Trials, many high school students and teachers will be able to step into the shoes of judges, lawyers, witnesses and jurors. Many students will soon discover the issues are somewhat more complex than first thought.

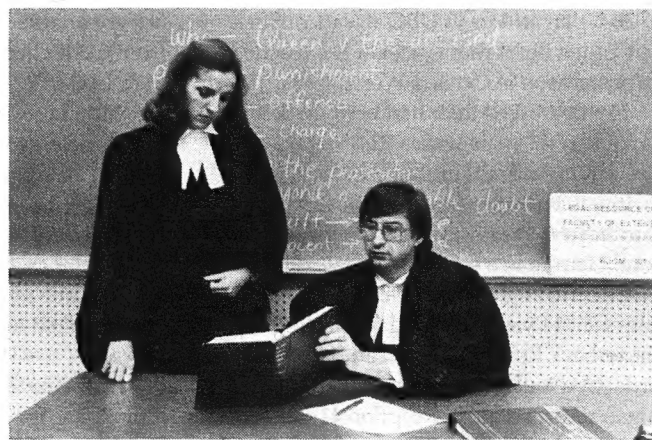
Workshop leader Margaret Ferguson, a proponent of the educational value of conducting mock trials, will be leading two workshops for teachers: Small Claims Court, 6 November, and Court of Queen's Bench, 29 January.

The workshops teach teachers how to transform their classrooms into courtroom settings, she explains. When teachers are able to do that, students become more interested in the judicial system. They begin to ask questions such as: Is the adversary system the best? Are judges really impartial?

"It brings the abstract into sharper focus," says Ferguson, who has over the years been actively involved in the coordination of Edmonton's mock trial tournament for high school students. Before she earned her legal degree, Ferguson taught school for five years.

Students learn many things, including the role law plays in our society, the trial process, why it's important to hear both sides of a story, and that the law is value-laden. It really is amazing to see just how engaged students can become when they participate in these mock trials, Ferguson says. And that's important because Canadian students aren't as familiar with their own legal system as they should be.

Conducting mock trials also fits well with cooperative learning methods now being used in schools. By their very essence, the mock trials are cooperative learning experiences, and students are working in groups, she explains.



Two student "judges" ponder their strategy during a mock trial held at a local school.

The Mock Trials of Small Claims workshop is suitable for teachers who want to help students gain the confidence needed to take their own disputes to the "people's court". These mock trials use simplified procedures and are ideal for small group work.

With the Centre's Mock Civil Trial, Court of Queen's Bench kit, students learn about the rules and procedures used in more complex and challenging civil cases. The case features a car accident, explains Ferguson. Students learn about negligence and their duty "to take care". Suitable for advanced students, the trial can also be modified for beginners. The kit includes a teacher resource book, case notes, and a classroom set of 30 student trial books.

Since 1989, Ferguson has also been exploring ways in which teachers can use novels to help students learn more about their legal rights and responsibilities. She's written a teaching guide, *Looking at Conflict: A Novel Approach*, and during the past year has demonstrated her approach to junior high teachers and librarians.

The Centre will be offering workshops for teachers on using novels to learn about the law; they'll be held 24 November, 2 December and 5 February. Respectively, they are entitled Choices of Reluctant Readers, Exploring Personal Responsibility and Coping with Difference.

Teachers who want more information on registration and costs can call 492-5732.

To market, to market

There's a lot to learn from Japan's way of doing business but that nation is not an industrial utopia, says the chief consultant at the Asia Pacific Center in Cologne.

Japan still has its share of ups and downs and war memories have not yet dissipated, Theodor Leuenberger said in a recent address sponsored by the Centre for International Business Studies (CIBS).

He said that while Japan is a world economic power, it has not yet "truly developed international policies and attitudes."

Observing "a sustained dynamism in the Asia Pacific economies," Dr Leuenberger predicted a looser system of trade as opposed to the creation of a bloc in the region. The US-Japan alliance is the single most important bilateral arrangement in the Asia Pacific region and it will be marked by a mixture of cooperation and competition, he told a group of Business students and faculty, and local businesspeople.

Growth in the Asia Pacific region is due to shrewd investment and the development and mastery of technology. The powers that be

realize that economic development is impossible without solid cooperation with the private sector, Dr Leuenberger said.

A company that's thinking of entering the Asia Pacific region must ask itself: How critical is a presence there to our total business volume? and, How critical is a presence to the good will of the business?

If a firm is to do well in the region it must develop new competence, that is, greater flexibility and greater ability to network. There must be "an investment in cultural understanding ... in language, history, and religion," Dr Leuenberger asserted.

He cited the following as the key success factors for business operations in Asia:

- timing (for entering a market),
- the long-term commitment of the firm's management,
- integration and localization,
- risk hedge management,
- the build up of a critical mass/scale of economies, and,
- continued acquisition of management information.

"If you don't invest now, you won't be a player in 10 years," Dr Leuenberger advised.

ACCOUNTING

12 November, 2 pm

Theresa Hammond, San Jose State University, "All Histories of Early African Americans in the Accounting Profession." B-05 Business Building.

ANIMAL SCIENCE, FOODS AND NUTRITION, AGRICULTURE AND FORESTRY

15 November, 1 pm

DJ Millward, professor of biological science: Nutrition at the Cellular and Molecular Level, and head, Nutritional Metabolism Research Group, University of Surrey, England, "Perspectives on Biological Control: Protein and Amino Acid Metabolism as the Primary Focus for the Nutritional Control of Growth, Development, and Body Weight Maintenance." 2J4.02 Mackenzie Health Sciences Centre.

17 November, 2 pm

Professor Millward, "Techniques and Methodological Considerations for Studies of Protein and Amino Acid Metabolism." 318J Agriculture-Forestry Centre.

18 November, 9 am

Professor Millward, "Coordination of Organ and Whole Body Growth." 318J Agriculture-Forestry Centre.

18 November, 2 pm

Professor Millward, "Regulation of Protein Deposition and Turnover." 318J Agriculture-Forestry Centre.

19 November, 9 am

Professor Millward, "Regulation of Amino Acid Metabolism and Catabolism." 318J Agriculture-Forestry Centre.

19 November, 2 pm

Professor Millward, "Metabolic Basis and Origin of Protein Requirements." 318J Agriculture-Forestry Centre.

ANTHROPOLOGY

9 November, 7:30 pm

Albert Borgmann, Philosophy Department, University of Montana, Missoula, "Paths that Don't Cross: The Future of Technology and the Good Life." Edmonton Public Library.

10 November, 4 pm

Professor Borgmann, "Technology as a Cultural Force." 2-3 Mechanical Engineering Building.

BOTANY

16 November, 3:30 pm

James Trappe, Department of Botany and Plant Pathology, Oregon State University, "Trees, Truffles and Beasts: Interactions in Forest Ecosystems." M-149 Biological Sciences Centre.

17 November, noon

Dr Trappe, "Mycorrhizal Fungi as Determinants of Plant Establishment and Community Development: Lyman Glacier Forefront as a Model System." M-149 Biological Sciences Centre.

18 November, 3:30 pm

Randall Bayer, "Evolution and Phylogeny of *Antennaria* (Asteraceae) with Special Reference to the *A. rosea* Polyploid Agamic Complex." M-149 Biological Sciences Centre.

CAMPUS MINISTRY

15 November, 7:30 pm

Jeff Thompson, "Understanding Catholicism Today—Celebrating the Lord's Supper." Newman Centre, St Joseph's College.

CENTRE FOR THE CROSS-CULTURAL STUDY OF HEALTH AND HEALING

10 November, noon

Andrew Cave and Usha Maharaj, "Family Physicians and Immigrant Patients: A Cross-Cultural Study." 14-28 Tory Building.

CHEMISTRY

8 November, 11 am

Donna M Huryn, research investigator/project leader, Department of Chemistry, Hoffmann La Roche, Inc, Nutley, New Jersey, "Inhibitors of HIV Reverse Transcriptase, Protease, and TAT." V1-07 Physics Wing.

COMPARATIVE LITERATURE AND FILM STUDIES

9 November, 3:30 pm

1993/94 Lecture Series, "Literary and Film Studies: Theoretical and Methodological Intersections." Kathryn Fraser, "The Packaging of Woman: Empowering the Female Consumer?" 326 Arts Building.

ECONOMICS AND SOCIOLOGY

9 November, 3:30 pm

Kenneth Wolpin, University of New York, "The Solution and Estimation of Discrete Choice Dynamic Programming Models by Simulation." 8-22 Tory Building.

ENGLISH

9 November, 12:30 pm

Research Seminars in Early Women. Eleana Yun, "Courtly Values and Marriage in Elizabeth Inchbald's *Every One Has His Fault*." 320 Arts Building.

ENTOMOLOGY

18 November, 4 pm

Richard Merritt, Department of Entomology, Michigan State University, East Lansing, "The Role of Leaf Litter Macroinvertebrates in Stream-Floodplain Dynamics." TBW-1 Tory Breezeway.

FOREST SCIENCE

10 November, 3 pm

Patricia Mohr, vice-president, economics, Bank of Nova Scotia, Toronto, "The Canadian Forest Products Industry—Competitive Challenges in the 1990's." 3-27 Earth Sciences Building.

GENETICS

5 November, 3:30 pm

Michael Walter, "Whole Genome Irradiation and Fusion Gene Transfer: How to Map a Genome." G-116 Biological Sciences Centre.

9 November, 4 pm

Allen Good, "Molecular and Genetic Approaches to Understanding Stress Resistance in Plants." G-116 Biological Sciences Centre.

GEOGRAPHY

5 November, 3 pm

Kiyoko Miyaniishi, Department of Geography, University of Guelph, "Restoration of Oak-Savanna in Southern Ontario." 3-36 Tory Building.

12 November, 3 pm

David Newman, Beer Sheva University, Israel, "The Political Geography of Israel: Demarcating Future Boundaries." 3-36 Tory Building.

GEOLOGY

16 November, 11 am

1993-94 AAPG Distinguished Lectures. Mark R Hempton, Research and Exploration Geologists, Shell Oil Company, Houston, Texas, "Cuba-Bahamas Arc/Margin Collision: Constraints on Timing of Suturing." 1-04 Earth Sciences Building.

HUMAN ECOLOGY

17 November, 12:10 pm

Jason Montgomery, "Liberating Ourselves from the Concept of 'Family'." 131 Home Economic Building.

LIMNOLOGY AND FISHERIES

DISCUSSION GROUP

18 November, 12:30 pm

Cam Goater, "Differences in Life History Characteristics Between Two Closely-Related Freshwater Snails." G-116 Biological Sciences Centre.

NURSING

8 November, noon

Winnie Tamm, "Women's Ways of Relating in Organizations in a Political Context." 2-115 Clinical Sciences Building.

TALKS



NUTRITION AND METABOLISM RESEARCH

8 November, 12:30 pm

David Wasserman, associate professor, molecular physics and biophysics, Vanderbilt University School of Medicine, Nashville, "Regulation of Glucose Metabolism During Exercise." Sponsor: Alberta Heritage Foundation for Medical Research. 2J4.02 Mackenzie Health Sciences Centre.

PEDIATRICS (ENDOCRINOLOGY-GENETICS) AND THE LITTLE PEOPLE OF ALBERTA

6 November, 9 am

Henry (Gizmo) Williams, Edmonton Eskimos, "Does It Matter That I'm Small?" Faculty: Stephen Bamforth, Robert Couch, Cathy Laird, Thomas Low and Murier Reid. To register (no charge), call: 1-800-263-9180 ext 0. Ballroom D, Fantasyland Hotel.

PERINATAL RESEARCH CENTRE

9 November, noon

James Fewell, professor, Departments of Obstetrics and Gynecology, Medical Physiology and Pediatrics, University of Calgary, "Arousal Response to Cardiorespiratory Stimuli During Post-Natal Maturation." 2J4.02 Mackenzie Health Sciences Centre.

16 November, noon

Francine Smith, assistant professor, Departments of Obstetrics and Gynecology and Medical Physiology, University of Calgary, "Functional Role of Renal Sympathetic Nerves During the Perinatal Period." 2J4.02 Mackenzie Health Sciences Centre.

PETER JACYK CENTRE FOR UKRAINIAN HISTORICAL RESEARCH

10 November, 3:30 pm

Zenon Kohut, "Ukraine and Russia in Eighteenth Century Ukrainian Political Thought." 352 Athabasca Hall.

PHARMACY AND PHARMACEUTICAL SCIENCES

5 November, 9 am

Joseph R Robinson, "The Use of Bioadhesive Polymers in Topical Contraception and in Prophylaxis of Sexually Transmitted Diseases." Sponsor: Alberta Heritage Foundation for Medical Research. Bernard Snell Hall, Mackenzie Health Sciences Centre.

PHILOSOPHY

8 November, 3:30 pm

Michael Dawson, "Predicates in Your Porridge: Interpreting Connectionist Goo." 4-29 Humanities Centre.

PLANT SCIENCE

18 November, 12:30 pm

Arnost Horak, "Structure and Function of the Plant Mitochondrial ATP Synthase." 1-30 Agriculture-Forestry Centre.

PROJECT PLOUGHSHARES EDMONTON

9 November, 7:30 pm

David Marples, "The Post Soviet States in Crisis." Knox Metropolitan Church, 109 Street and 83 Avenue.

RURAL ECONOMY

8 November, 3:15 pm

James S Eales, "Inverse Demand Systems." 519 General Services Building.

15 November, 3:15 pm

Leonard Bauer, "Resolving Property Rights to Land in Former East Germany." 519 General Services Building.

SHASTRI INDO-CANADIAN INSTITUTE

5 November, 3 pm

N Gopalkrishnan, Regional Research Laboratory of the Indian Council of Scientific and Industrial Research, Trivandrum, "Science in Ancient India." 5-15 Tory Building.

SOIL SCIENCE

18 November, 12:30 pm

Don Pluth, "Overview of Forest Soils Research in Scandinavia." 2-36 Earth Sciences Building.

UNIVERSITY TEACHING SERVICES

10 November, 3 pm

Jim Muldowney, Rosemary Nielsen, Fred Vermeulen, "Revitalization—Do We Need That?" TBW-2 Tory Breezeway.

15 November, 3 pm

Robert de Frece, "Pride, Preparation, and Presentation." TBW-2 Tory Breezeway.

WOMEN'S STUDIES

17 November, 4 pm

Eva Dargay, "Religious Symbolism and Terrorism in War." Senate Chamber, Arts Building.


ZOOLOGY

5 November, 3:30 pm

Cam Goater, "The Ecology and Genetics of Lungworm Infection in European Toads." M-149 Biological Sciences Centre.

12 November, 3:30 pm

Bruce S Heming, "Origin, Proliferation and Fate of Germ Cells in Male and Female Embryos of *Rhodnius Prolixus* Stål (Hemiptera, Reduviidae)." M-149 Biological Sciences Centre.

 This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.



University of Alberta
Edmonton

welcomes
**Nominations for
Chancellor**
to serve four years
commencing 13 June 1994

The Chancellor represents the University at ceremonial occasions and confers all degrees. The Chancellor is elected from the general public by the University Senate; is the chairperson of the Senate and an ex officio member of the Board of Governors. The Chancellor represents the public interest in the University and is permitted by Alberta Government legislation to serve only one four year term.

Nominees should be Canadian citizens or landed immigrants; possess a strong interest in university-community affairs; and have adequate time to apply the considerable duties involved. Nominations, which should include the names and addresses of two nominators, signed consent of the nominee and be accompanied by a resume, must be received in the Senate Office by 4:30 p.m., 13 December 1993 and addressed to:

**Chairperson, Search Committee
for Chancellor
The Senate, University of
Alberta
150 Athabasca Hall
Edmonton, Alberta
T6G 2E8
Tel. (403) 492-2268**

**DIRECTOR OF RECORDS,
OFFICE OF THE REGISTRAR**

The University of Alberta invites applications for the position of Director of Records, a position beginning 1 February 1994.

Reporting to the Associate Vice-President and Registrar, the Director is a key member of the Registrar's Office management team and is responsible for planning and directing the activities in support of registration, record keeping and other academic support services for an annual population of 30,000 students. The Records Division is responsible for student registration and records policies, systems and procedures; course timetabling and classroom scheduling; and, examinations administration and grade processing. The incumbent will be experienced in the administration of automated systems relating to these functions.

Candidates should possess a university degree and have a minimum of five years of management experience in a Registrar's Office environment. The successful candidate will have excellent interpersonal and managerial skills and a proven track record of administrative experience and accomplishment in the field. The Director is responsible for all aspects of the Unclassified Student program. The incumbent directs the efforts of a staff of 22.

The closing date for the competition is 1 December 1993. Letters of application should include a current résumé, a brief statement of qualifications for the position, and the names, addresses and telephone numbers of three referees who are familiar with the applicant's professional experience.

Salary range for this Administrative Professional Officer position: \$42,669 to \$64,005 per year.

Applications should be sent to: Mr Brian J Silzer, Associate Vice-President and Registrar, Office of the Registrar, 201 Administration Building, University of Alberta, Edmonton, Alberta T6G 2M7.

**ALTERNATE DELIVERY LEADERSHIP
OPPORTUNITY**

The University of Alberta offers a unique opportunity for a creative and dynamic individual to provide leadership in formulating a strategy, a business plan and an implementation plan for the development and delivery of the University's credit and noncredit education programs in nontraditional ways throughout the Province of Alberta, including the campus and the greater Edmonton area.

The position will be of interest to individuals expert in both traditional and alternative teaching and learning methods and technologies, particularly those commonly used in distance education applications. Applicants will also have demonstrated success in working with faculty and staff in familiarizing them with alternative methods and technologies and in forming part-

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

nerships with colleges, institutes, other universities and business and industry for the purpose of alternative delivery.

Excellent written and verbal communication skills, leadership skills, survey research skills, the technical background and experience to evaluate the rapidly evolving hardware and software associated with alternative methods and an understanding and appreciation of the concerns of faculty and students regarding the fundamental importance of quality teaching and learning experiences are required. A doctoral degree and extensive experience in postsecondary education are also required.

This is potentially a renewable two-year contract position. Salary is negotiable. Secondment arrangements, either within or outside the University of Alberta, will be considered.

In accordance with Canadian Immigration requirements, this advertisement will be directed to Canadian citizens and permanent residents of Canada.

Applications or nominations, accompanied by a résumé and the names and addresses of three references, should be mailed or faxed, by 15 December 1993, to: Chair, Search Committee, Alternative Delivery Leadership Opportunity, 4-05J University Extension Centre, University of Alberta, Edmonton, Alberta T6G 2T4. Fax: (403) 492-0627.

**PROFESSOR AND CHAIR, DEPARTMENT OF
IMMUNOLOGY**

The Faculty of Medicine invites applications for the position of Professor and Chair, Department of Immunology, with the appointment to be effective 1 July 1994. Dr Tim Mosmann, who is completing a five-year term, has indicated his interest in being considered for this position.

The Chair of the Department of Immunology has responsibility for academic leadership of the Department which comprises eight full-time academic staff, three support staff, and 17 graduate students and postdoctoral fellows. Extramural research funding of \$1,800,000 has been received over the past year. Major research interests of the Department include various aspects of cellular, molecular, reproductive and tumor immunology. The Department has a strong graduate program and commitment to undergraduate teaching in Immunology in the Faculty of Medicine and the Faculty of Science.

Applicants should be prepared to provide collegial leadership for this Department with an international reputation and should have their own well-developed research program, experience in administration, and skills in teaching. The

appointment will be at the Full Professor rank with salary commensurate with qualifications and experience. Applicants should apply, enclosing a *curriculum vitae* and the names and addresses of three referees, by 12 November 1993, to: Dr Douglas R Wilson, Dean, Faculty of Medicine, 2J2.00 Mackenzie Health Sciences Centre, University of Alberta, Edmonton, Alberta T6G 2R7.

**PROFESSOR AND CHAIR, DEPARTMENT OF
PHYSIOLOGY**

The Faculty of Medicine invites applications for the position of Professor and Chair, Department of Physiology, with the appointment to be effective early in 1994 and no later than 1 July 1994.

The Chair of the Department of Physiology has responsibility for academic leadership of the Department which comprises 16 full-time academic staff, four joint appointments, 27 support staff, 26 graduate students, 10 postdoctoral fellows, and a number of research associates and visiting scientists. Extramural research funding of more than \$3 million has been received in the past year. Major research areas include sensory and motor neurophysiology, physiology of membrane transport, molecular endocrinology, cardiovascular physiology and perinatal physiology. The Department's undergraduate teaching responsibilities include students from the Faculties of Medicine, Nursing, Rehabilitation Medicine, and Pharmacy and Pharmaceutical Sciences, and an Honors and Specialization program in the Faculty of Science.

We are seeking a Chair who has leadership qualities, experience in administration, skills in teaching and a well-developed research program. The appointment will be at the Full Professor rank with salary commensurate with qualifications and experience. Applicants should apply, enclosing a *curriculum vitae* and the names and addresses of three referees, by 12 November 1993, to: Dr Douglas R Wilson, Dean, Faculty of Medicine, 2J2.00 Mackenzie Health Sciences Centre, University of Alberta, Edmonton, Alberta T6G 2R7.

**PROFESSOR AND CHAIR, DEPARTMENT OF
BIOCHEMISTRY**

The Faculty of Medicine invites applications for the position of Professor and Chair, Department of Biochemistry, with the appointment to be effective early in 1994 and no later than 1 July 1994.

The Chair has responsibility for academic leadership of the Department of Biochemistry

which comprises 31 academic staff, and 240 support staff, graduate students, postdoctoral fellows and research associates. Extramural research funding has exceeded \$10 million per year and the Department is well-endowed with equipment and support facilities. It is also the home of the MRC Group in Protein Structure and Function, the AHFMR Lipid and Lipoprotein Research Group, the NCIC Group in Molecular Mechanisms of Growth Control, the MRC Program Grant in Molecular, Biology and Membrane Proteins, and the Protein Engineering Network of Centres of Excellence. The research interests of faculty members cover a broad spectrum, including nucleic acid-protein interactions, regulation of gene expression, structure and function of proteins, muscle biochemistry, molecular virology, mechanisms of enzyme catalysis, lipid and lipoprotein metabolism, metabolic regulation, the structure, function and assembly of biological membranes, receptor-mediated endocytosis, and mechanisms of action of anti-cancer drugs. Interdisciplinary research programs provide an important opportunity for development in collaboration with other departments. The Department has an active teaching program for undergraduate medical and science students and master's and PhD students, with a wide variety of topics covered.

We are seeking a Chair who has skills in administration, their own well-developed research program, experience in teaching, and the ability to provide collegial leadership for this strong Department which has an international reputation. The appointment will be at the Full Professor rank with salary commensurate with qualifications and experience. Applicants should apply, enclosing a *curriculum vitae* and the names and addresses of three referees, by 12 November 1993, to: Douglas R Wilson, Dean, Faculty of Medicine, 2J2.00 Mackenzie Health Sciences Centre, University of Alberta, Edmonton, Alberta T5G 2R7.

SUPPORT STAFF

To obtain information on support staff positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. You can also call the Job Information Line at 492-7205 (24 hours) or consult the weekly *Employment Opportunities Bulletin*.

**Flexible Expenditure
Program: Amended Policy**

The University's Administration recommended and the Board of Governors approved changes to the Flexible Capital Expenditure Program (Flexcap). Consistent with the objectives of the Vice-President Finance and Administration's Service Initiative, the basic goal of this modification was simplicity. Significant savings of effort will be realized by the Office of the Comptroller. It is anticipated that in the aggregate, savings accruing to departments eligible to participate in the program will be equally significant. Under the previous Flexcap policy, departments were required to submit detailed requests to obtain approval for exceptions to the Flexcap limits.

Effective 31 March 1994 and for subsequent fiscal years, the unexpended balance of departmental capital equipment allocations will be carried forward in their entirety. Annual applications for exceptions to the carry forward limits are no longer required. The one stipulation will be a requirement to justify large fund balances accumulated over a number of years.

Please direct comments or questions concerning the new Flexcap policy to the attention of D Grover, Capital Accountant, Office of the Comptroller.

Consult CWIS and MAPPS (Capital Accounting 04) for information on Flexcap.

Nursing students value working visit to Guatemala

Seven nursing students who travelled to Guatemala this summer have something to contribute to the discussion about the University's future international dimensions.

At the Faculty of Nursing's International Day last Thursday, students in the Nursing 464 class who spent about a month in the Central American country said they'd do it again.

In providing primary health care services in Guatemala City and some of the outlying areas, the students learned as much or more about themselves as they did about the country they visited, said Professor Wendy Neander, who accompanied the students. When students are able to free themselves from the grip of unconscious culture, they're able to learn and appreciate the differences, she said.

Student Candy Schwalbe said the group learned a great deal about home and herbal remedies. "At times, I thought we learned a lot more than they [the Guatemalans who travelled to their clinics] did from us.

"It was a real eye opener to a different culture, and helped us appreciate our own health care system," she said.

One of the biggest obstacles was language, explained student Andrea Warman. Professor Neander speaks Spanish and there was a translator, but the students also had to have indigenous Mayan languages interpreted. Besides that, Guatemalans have a different conception of time, so that was difficult to get used to, explained Warman.

Sending students to another country enables them to learn to love the distances between people rather than fear them, and to experience the mystery of other peoples, Professor Neander told participants at International Day.

Participants also heard about pediatric nursing in Wales, Finland and Sweden from keynote speaker and University of Wales professor Jim Richardson; forces influencing nursing contributions to primary health care in Nepal from U of A Nursing professor Linda Ogilvie; the role of the International Centre; and, a number of other ongoing international projects.

International Day is sponsored by the Faculty and is intended to promote international awareness and development of nursing education through sharing of international partnerships and experiences.

Getting down to brass tacks

National symposium seeks ways of increasing universities' effectiveness

The question of measuring achievement in education, as in health care, raises many difficult issues of definition, procedure and interpretation. Difficult or not, risky or not, it is critical that universities get on with the task with all possible dispatch. If they do not, governments and other institutions may well proceed to establish definitions and measures that may not find favour within higher education and which may not be the most appropriate.

— AUCC Task Force on the Report of the Commission of Inquiry on Canadian University Education, June 1992

A national symposium sponsored by the Association of Universities and Colleges of Canada (AUCC) will address the task force's concern by bringing together university presidents, senior administrators, institutional researchers, and other key individuals who have an active interest in making our universities more effective. "Measuring Up: Using Indicators to Manage Change" will focus on a common goal: finding the most appropriate ways to meet the growing demand for accountability and change in higher education.

Participation in the symposium, to take place in Winnipeg, 14 to 16 November, is by invitation only and limited to some 120 people from across Canada. Through a series of workshop discussions on the use of performance indicators in higher

education, the symposium will address ways in which these indicators might be used by institutions as tools to improve their ability to attain important goals.

Consideration will also be given to the need to develop consistent performance indicators that can be used across a broad range of institutions.

The University of Alberta will be represented by President Paul Davenport. Dr Davenport, who is a member of the Symposium Steering Committee, will participate in the opening plenary session and panel considering the theme "Performance Indicators and University Priorities." Sociology Professor Harvey Krahn, a member of the Vice-President (Academic's) Steering Committee on the Graduated Survey, has also been invited to attend.

Workshop topics include: Educational Efficiency; Universities as Student-centred Organizations; Research Intensiveness; University Research: its Efficiency, Effectiveness and Impact; Using Student Assessments to Improve Academic Programs; and, The Link Between Teaching and Research.

It is anticipated that the proceedings of the symposium will be available for distribution in early 1994. *

* Source: Measuring Up: Using Indicators to Manage Change, an AUCC Symposium.

EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS LIBRARY

Until 15 January

"The Songs I Had: Poetry and Prose of the Great War"—commemorating the 75th anniversary of the end of World War I. B7 Rutherford South.

FILM

GERMANIC LANGUAGES

16 November, 7:15 pm

"Die Drei Von Der Tankstelle" (1930). Black and white with English subtitles. 141 Arts Building.

MUSIC

DEPARTMENT OF MUSIC

6 November, 8 pm

Academy Strings Concert, Norman Nelson, director. Admission: \$9/adults, \$6/students and seniors, \$25/family. Westend Christian Reformed Church, 10015 149 Street.

EDMONTON CHAMBER MUSIC SOCIETY

17 November, 8 pm

"The Kuijken Trio"—Baroque flute, gamba, and harpsichord. Tickets: available from the

Society, The Gramophone or at the door. Information: 433-4532. Convocation Hall.

SPORTS

BASKETBALL

5 and 6 November

Golden Bear Invitational. Main Gym.

HOCKEY

5 and 6 November, 7:30 pm

Bears vs University of Brandon.

VOLLEYBALL

12 November, 6:30 pm

Pandas vs University of Calgary.

12 November, 8 pm

Bears vs University of Calgary.

Main Gym.

THEATRE

STUDIO THEATRE

11 to 20 November

"In the Jungle of Cities" by Bertolt Brecht.

Directed by Uta Birnbaum, Mary Mooney Distinguished Visiting Artist. Information and tickets: 492-2495. Myer Horowitz Theatre.

ADS

ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max, Ports West, Victoria, BC.

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University inquiries welcome, 492-7044.

RENT - Furnished two bedroom apartment. 122 Street 102 Avenue. Quiet. Available 1 October 1993 to 30 April 1994. Western Relocation Services, 434-4629.

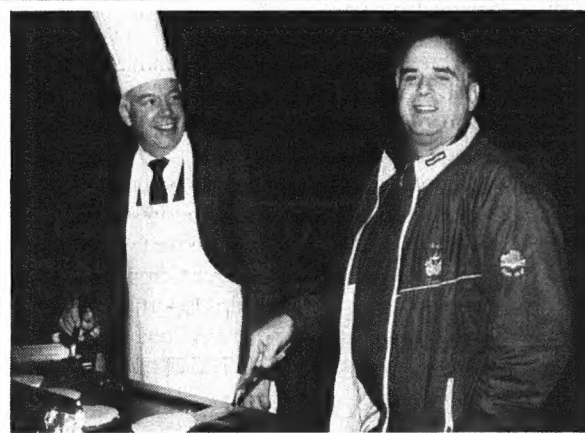
RENT - Central, furnished two bedroom apartment. Near bus and shopping. Available 1 November - 15 April. \$800 month includes parking. Western Relocation Services, 434-4629.

RENT OR SALE - Saskatchewan Drive, exquisite two storey with panoramic city and river view. Unique home with grandeur and charm, garden is magnificent. Janet Jenner, Spencer's, 435-0808, 435-5389.

SALE - River view, Victoria Park. Two bedroom penthouse. 9835 113 Street. Five appliances, completely upgraded, southwest exposure. \$139,000. Ask for Condo Specialist, Connie Kennedy, Re/Max, 488-4000.

RENT - Close to University. The Marquis, new highrise condo, 11th floor, one bedroom, 1 1/2 baths, beautiful view, tennis, pool, sau-

More ads on page 8



President Paul Davenport, left, and Bears football coach Tom Wilkinson were flipping pancakes last Friday at the annual United Way brunch. The event is held to raise awareness for the United Way campaign on campus and to increase the amount of money donated. As of 2 November, the University had raised \$201,000 or 80 percent of its goal of \$250,000.

Rutherford Award for Excellence in Undergraduate Teaching

The GFC Undergraduate Teaching Awards Committee (UTAC) reminds the University community that nominations are now being sought for the annual Rutherford Award for Excellence in Undergraduate Teaching.

The purpose of the Rutherford Award is to recognize excellent teaching, to publicize such excellence to the University and the wider community, to encourage the pursuit of excellence in teaching, and to promote informed discussion of teaching and its improvement at the University of Alberta.

Nominations are made by Faculties that teach undergraduate students, and information about the nomination procedures and adjudication criteria has been sent to those

Faculties. Nominations should be made through a Faculty committee and submitted by the Faculty to the Secretary of UTAC, 2-5 University Hall. Anyone who needs assistance and advice in preparing nominations should contact Ms Bente Roed, Education Director, University Teaching Services, 215 Central Academic Building (492-2826). The deadline for receipt of award nominations is 11 February 1994. In most cases, individual Faculties have established earlier deadlines to allow for internal adjudication procedures.

At least one award, but not more than five, is given annually. The award recipients are publicly recognized at a special occasion and at Convocation. They also receive a memento and a cash prize of \$2,500.

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nas, exercise room. \$570, includes utilities, parking. 1 November. 437-7004.

SALE - 11154 83 Avenue. Spacious, two storey, walk-up condominium for sale by owner. Two bedrooms, 1 1/2 baths, five appliances, underground parking, balcony and woodburning fireplace. Priced to sell at \$132,500. 467-0991.

SALE - Varscona Towers - 110 Street 83 Avenue. Large, bright, two bedroom condo for sale by owner. \$113,900. Phone 487-6989.

RENT - Lease luxurious two bedroom condominium. 9929 Saskatchewan Drive. 1,943 square feet. Furnished or unfurnished. Available 1 November. Florence, residence 436-6833, or 433-4060.

RENT - Old Strathcona, three bedrooms, furnished, main floor suite. Hardwood floors. \$750, utilities included. Available immediately. 434-6287.

RENT - Oliver, luxurious condominium with spectacular river valley view. One bedroom, dining/den, sunroom, underground parking. No pets, nonsmokers only. Available 15 November. \$1,075 plus utilities. 454-2125.

RENT/SALE - Four bedrooms, walk to University, fenced yard, four appliances. Newly renovated. \$825. 439-0714.

RENT - Spacious new family home. Superbly located between University and city centre. Spectacular view of downtown with woodland walks. Garage, garden, sundeck. Fully equipped. Must be seen. Phone 433-9797 now.

RENT - Furnished house. Ottewell, close to University. Three bedrooms, garage, basement. University staff, graduate student preferred. Nonsmoking. \$800 plus utilities. 1 February - 1 September 1994. JudyLynn, 427-3722 days, 465-1076 evenings.

SALE - Horizon Village condo. View lot. Luxury unit. Double garage, appliances, blinds. Southside. 434-4822.

RENT - 1 September 1994 - 1 September 1995. West Capilano, furnished three bedroom home. Quiet family neighbourhood, adjacent to valley. 2 1/2 baths, den, garage. \$1,500 month. 466-4875 evenings.

RENT - Beautiful two bedroom house with hardwood floors and basement suite. 11262 73 Avenue. All appliances. Available immediately. Reg MacDonald, 439-7000.

RENT - Garneau Mews condo. One block east of University. Two bedrooms, fireplace, washer, dryer and dishwasher, 1 1/2 bathrooms. Underground parking. \$800 month. 477-2105.

RENT - Saskatchewan Drive highrise condo. Spectacular city view. Two bedrooms, two full bathrooms, five appliances, two underground parking stalls. \$935 month. 477-2105.

RENT - Duggan, four bedroom home. January - September 1994. Reasonable rent. Dates negotiable. Excellent for visiting scholars. 436-4215.

RENT - Three bedroom home. Excellent condition, near Millcreek Ravine. 9813 86 Avenue. Main floor hardwood. Four appliances. Yard maintenance included. No dogs. Nonsmokers preferred. Available 1 December. \$850 plus utilities. 433-7105.

SALE - Charming two storey, 1/2 block from Millcreek Ravine. View city skyline. Totally upgraded. Immediate possession. \$124,900. Sherry Mailo, Re/Max, 438-7000.

SALE - Just listed. Fabulous 1 1/2 storey. View of lake. Beautiful location. Large pie lot. Multi-level decking. Charming decor. Many upgrades. Sherry Mailo, Re/Max, 438-7000.

SALE - Split level, Keheewin. \$135,000. Immaculate. Immediate possession. Sherry Mailo, Re/Max, 438-7000.

SALE - Grandview, two storey. Totally upgraded. \$257,000. Sherry Mailo, Re/Max, 438-7000.

ACCOMMODATIONS WANTED

HOUSESITTING - Professional single female, wishes long-term housesitting. References available. 489-2404.

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SERVICES

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DONNIC WORD PROCESSING - Since 1978, specializing in theses, manuscripts, etc. 453-2769.

HEARTWOOD RENOVATIONS - Complete interior renovations. Specializing in basements, bathrooms, kitchens. Count on us for all your home repairs. References available. Phone Dennis Ellerman, 466-5941.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete interior/exterior residential and commercial renovations including plumbing/electrical. References available. 436-6363.

PDQ WORD PROCESSING - Laser printer, \$1.50 per double-spaced page. 11418 79 Avenue. 438-8287.

MARK EHRMAN CABINET SERVICES - Custom designs or made to match existing. References available. 463-0889.

TECH VERBATIM - Word processing, résumés, theses, medical terminology. Donna, 440-3714.

STRESS AND RELAXATION SEMINARS - Learn breathing, visualization and meditation for stress reduction. Seminars are held the first Saturday of every month, noon to 5 pm. Call Lia Fraser, 468-4014.

INA'S HOME BEAUTY STUDIO - Offers manicures, pedicures, facials, massage, etc. Manicures, pedicures also in your home. 436-3469.

SCIENCE PRO - Medical and scientific word processing. Manuscripts, theses, CVs, clinical typing. 17 years' experience. Evenings 462-6652.

SACRED HEALING - Therapeutic and relaxation massage. Therapeutic touch. For appointment, call Erica, 433-9589.

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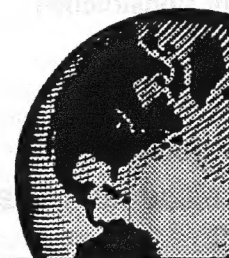
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